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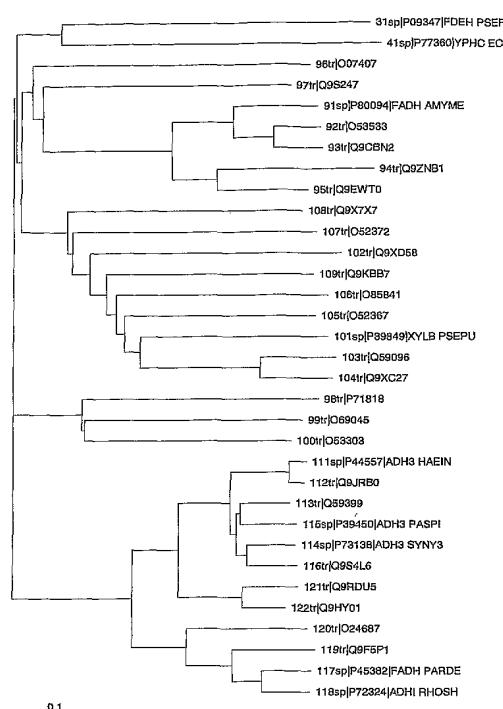
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(54) Title: NOVEL ALCOHOL DEHYDROGENASES



Overview of cluster 2 (= primer group 2), based on 33 sequences

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**AMENDED CLAIMS**

[received by the International Bureau on 27 January 2006 (27.01.06);  
original claim 1 replaced by new claims 1; remaining claims unchanged (3 pages)]

1. A polypeptide which has the biological activity of an NAD- or NADP-dependent alcohol dehydrogenase and which comprises or has one of the following sequences: the sequence of SEQ ID NO.: 1, the sequence of SEQ ID NO.: 2, the sequence of SEQ ID NO.: 3 or a sequence which is at least 90% identical to the sequence of SEQ ID NO.: 3, the sequence of SEQ ID NO.: 4, the sequence of SEQ ID NO.: 5 or a sequence which is at least 90% identical to the sequence of SEQ ID NO.: 5, the sequence of SEQ ID NO.: 6 or a sequence which is at least 90% identical to the sequence of SEQ ID NO.: 6, the sequence of SEQ ID NO.: 7 or a sequence which is at least 70% identical to the sequence of SEQ ID NO.: 7, the sequence of SEQ ID NO.: 8 or a sequence which is at least 70% identical to the sequence of SEQ ID NO.: 8, the sequence of SEQ ID NO.: 9 or a sequence which is at least 70% identical to the sequence of SEQ ID NO.: 9, the sequence of SEQ ID NO.: 10 or a sequence which is at least 70% identical to the sequence of SEQ ID NO.: 10, the sequence of SEQ ID NO.: 11 or a sequence which is at least 70% identical to the sequence of SEQ ID NO.: 11, the sequence of SEQ ID NO.: 12 or a sequence which is at least 60% identical to the sequence of SEQ ID NO.: 12, the sequence of SEQ ID NO.: 13 or a sequence which is at least 60% identical to the sequence of SEQ ID NO.: 13, the sequence of SEQ ID NO.: 14 or a sequence which is at least 75% identical to the sequence of SEQ ID NO.: 14, the sequence of SEQ ID NO.: 15 or a sequence which is at least 95% identical to the sequence of SEQ ID NO.: 15, the sequence of SEQ ID NO.: 16 or a sequence which is at least 95% identical to the

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